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秦岭醉鱼草属植物的研究*

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A STUDY OF THE GENUS BUDDLEJA LINN. IN TSINGLING RANGE

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作者在编写《秦岭植物志》马钱科的过程中，对本所珍藏的醉鱼草属 Buddleja Linn. 标本进行了鉴定整理。现将研究整理本属的过程中发现的一些新分类群，修订和补充描述的种类，予以报道。本文中所引证的标本均存西北植物研究所标本室。

1. **互叶醉鱼草** 白芨、白芨梢(陕西北部)。

Buddleja alternifolia Maxim. in Bull. Acad. Sci. St. Petersb. **26:** 494. 1880.

Maximowicz 发表此种时，无果实的记载，现补充描述如下：蒴果长圆形，长约4毫米，无毛；种子多数，有短翅。

Descr. fr. add.: Capsula oblonga, circ. 4 mm longa, glabra. Semina numerosa, brevi-alata.

2. **甘肃醉鱼草**

Buddleja purdomii W. W. Smith in Not. Bot. Gard. Edinb. **9:** 87. 1916.

W. W. Smith 发表此种时，无花的颜色及果实的记载，现补充描述如下：花淡紫色或紫红色。蒴果卵形，长4—5毫米，无毛；种子多数，黄褐色，细小，无翅。

Descr. add.: Flores purpurascetes vel roseo-purpurascentes. Capsulae ovatae, 4—5 mm longae, glabrae. Semina numerosa, fulvido-brunneola, minora, haud alata.

2a. **黄毛醉鱼草** 新变种 图版7:1

Buddleja purdomii W. W. Smith var. **fulvotomentosa** Z. Y. Zhang, var. nov.

A typo ramulis junioribus, foliis subtus, inflorescentiis, calycibus, corollisque fulvido-tomentosis; foliis basi cuneatis; inflorescentiis terminalibus 4—6-floris differt.

Gansu (甘肃): Wen Xian (文县), Shifang (石坊), bank of field near road, alt. 1100 m, leg. Fu Kun-tsun (傅坤俊) No. 2279, 20. X. 1937; Wen Xian (文县), commonly distributed in valley, bank of Bailong jiang, alt. 1300m, leg. Wang Tso-pin (王作宾) No.

* 本文承傅坤俊、王文采教授校阅，提出许多宝贵意见；模式标本照片由李群同志拍摄，谨致谢意。

1) = Chang Chih-ying (惯用拼法)

2) 代号=NWIB

7991 (Typus!NWIB), 29. X. 1937.

3. **巴东醉鱼草** 晕老汉(陕西蓝田),牛皮梢(甘肃文县)。

Buddleja albiflora Hemsl. in Journ. Linn. Soc. Bot. **26:** 118. 1889.

本种系 Hemsley 根据 Henry 在湖北巴东所采标本而发表的新种,原记载为"Arbor 20—30 pedalis (Henry),······Flores albi(Henry)." 乔木,高 20—30 Pedalis (6—9 米),花白色。经研究本所珍藏的大量标本应修订为:"灌木,高 1—3 米,花淡紫色稀紫红色。"因此我们认为 Henry 的标本,是由别人代采,野外并未作详细观察,或系观察之误。

Descr. emend.: Frutex 1—3 m altus. Flores purpurascentes raro roseo-purpurascentes.

Hemsley 发表此种时,无果实的记载,现补充描述如下:蒴果长圆形,长 4—6 毫米;种子多数,线状梭形。

Descr. fr. add.: Capsula oblonga 4—6 mm longa. Semina numerosa, linearia, fusiformia.

4. **大叶醉鱼草** 蜂糖罐(陕西商县),白脊树(陕西石泉),灰朵子(甘肃文县)。

Buddleja davidii Franch. in Nouv. Arch. Mus. Hist. Nat. Paris ser. 2, **10**: 65. 1887 —— *B. variabilis* Hemsl. in Journ. Linn. Soc. Bot. **26**: 120. 1889.

本种原记载为:"Calyx membranaceus albidus, glaber,······Corolla parva coerulea, extus perfecte glabra.""花萼膜质,白色,无毛,花冠小,天蓝色,外面完全无毛"。作者研究了本所珍藏的大量标本后,应修订为:花萼、花冠均被星状绒毛。

Descr. emend.: Calyx corollaque extus stellato-tomentosus.

5. **条纹醉鱼草** 新种 图 1

条纹醉鱼草(原变种)

Buddleja striata Z. Y. Zhang, sp. nov. (Sect. Rectiflorae)

Species *B. asiaticae* Lour. affinis, a qua differt foliis minoribus confertis, nervis supra albo-striatis; floribus purpureoroseis, corollae tubo 7—10 mm longo.

Frutex, ramulis teretibus, inferne glabris, juventute albo-tomentosis. Folia parva, densa, lanceolata, 2—3.5(—8) cm longa, 0.5—1(—2.2) cm lata, apice acuminata, basi cuneata, margine integra vel remote minute serrulata, supra stellato-tomentosa, nervis albo-striatis, subtus dense cinereo-stellato-tomentosa. Paniculae terminales, e cymis multis compositae, 4—7(—21) cm longae, 1.2—2.2(—3) cm latae. Flores roseo-purpurascentes, circ. 1 cm longi. Calyx circ. 2 mm longus, 4-lobatus, late triangularis, stellato-tomentosus. Corollae tubus tenuis et erectus, 7—10 mm longus, circ. 1 mm diam., utrinque tomentosus, corollae lobis 4, subrotundatis. Stamina 4, medio tubi inserta. Ovarium glabrum, 1 mm longum, stylo clavato, circ. 2 mm longo, glabro. Capsula oblonga, 5—10 mm longa, glabra vel stellato-tomentosa. Semina numerosa, alata.

Gansu (甘肃): Wen Xian (文县), alt. 1200m, on road side, leg. Zhang Zhi-ying (张志英) No. 7015 (Typus florifer!NWIB), 21. VII. 1959. Shaanxi (陕西): Shangnan Xian (商南县), alt. 700m, on mountain slope, leg. Kuo Pen-chao (郭本兆) No. 4277 (Typus

fructifer！NWIB)，11. X. 1958.

本种与驳骨丹(B. asiatica Lour.）相似，但叶小而密集，脉上有白色条纹；花紫红色，花冠筒长 7—10 毫米，可以区别。

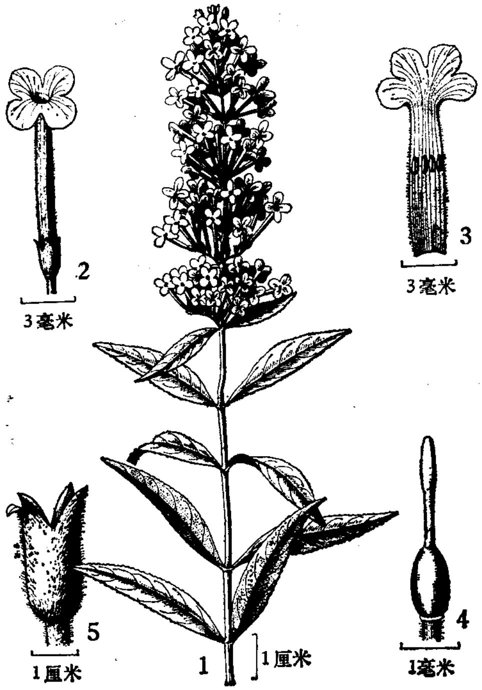


图 1 **条纹醉鱼草 Buddleja striata** Z. Y. Zhang
1.花枝；2.花；3.花冠展开；4.雌蕊；5.花萼。
(李志民绘)

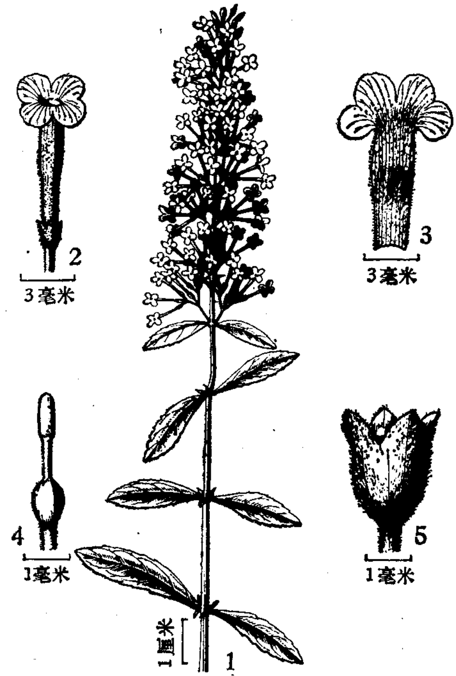


图 2 **陕西醉鱼草 Buddleja shaanxiensis** Z. Y. Zhang
1.花枝；2.花；3.花冠展开；4.雌蕊；5.花萼。
(李志民绘)

甘肃：文县，张志英 10002、12790。陕西：太白山斜峪关附近，王振华 999；西太白山桃川，傅坤俊 9790；洵阳县，李培元 9041；洋县华阳，杨金祥 1448；宁陕县邢吉庆 9465；镇巴县王明昌 1127（标本存西北林学院林学系)。

5a. **舟曲醉鱼草** 新变种 图版 7:2

Buddleja striata Z. Y. Zhang var. **zhouquensis** Z. Y. Zhang, var. nov.

Atypo foliis laxis, margine integris, apice obtusis, nervis estriatis differt.

Gansu (甘肃): Zhouqu Xian (舟曲县), on river side, alt. 1800m., leg. Kuo Pen-chao (郭本兆) No. 5528 (Typus！NWIB), 23. VII. 1964.

6. **陕西醉鱼草** 新种 图 2

Buddleja shaanxiensis Z. Y. Zhang, sp. nov. (Sect. Rectiflorae)

Species *B. davidii* Franch. affinis, sed ramulis gracillimis, teretibus; foliis lanceolatis, supra dense albido-stellato-tomentosis, inflorescentiis 2—8 cm. longis, corollae tubo intus fulvido-tomentoso differt.

Frutex, ramulis gracillimis, teretibus, albo-stellato-tomentosis. Folia lanceolata, 2—

4 cm. longa, 0.5—1 cm. lata, apice acuminata, basi cuneata, margine remote sinuato-denticulata, supra dense albido-stellato-tomentosa, infra dense fulvido-stellato-tomentosa, nervis utrinque obscuris. Paniculae laxae e cymis multis compositae, 2—8 cm. longae, fulvido-stellato-tomentosae. Flores atro-purpurei. Calyx circ. 1.7 mm. longus, 4 lobatus, lobis subrotundatis, apice obtusis dense stellato-tomentosis. Corollae tubus 6—8 mm. longus, circ. 1 mm. diam., lobis rotundatis, extus stellato-tomentosis, intus fulvido-stellato-tomentosis. Stamina medio tubi inserta, filamentis destitutis. Ovarium 1 mm. longum, glabrum, stylo clavato, circ. 2 mm. longo, glabro. Fructus ignotus.

Shaanxi (陕西): Shanyang Xian (山阳县), in valley, road side, leg. Wang Tso-pin (王作宾) No. 865 (Typus!NWIB), 23. IX. 1933.

本种与大叶醉鱼草 (B. davidii Franch.) 相似，但小枝细长，圆柱形;叶披针形，表面密被白色星状绒毛;花序长 2—8 厘米，花冠筒内面有黄色星状绒毛，可以区别。

7. **抱茎醉鱼草** 牛尾梢(甘肃文县) 新变种 图版 7:3

Buddleja crispa Benth. var. **amplexicaulis** Z. Y. Zhang, var. nov.

A typo foliis basi perfecte connatis et amplexicaulibus differt.

Gansu (甘肃): Wudu Xian to Sanhekou (武都县至三河口途中), alt. 1000m., leg. Zhang Zhi-ying (张志英) No. 1038 (Typus! NWIB), 29. IV. 1959; 甘肃: 朱家山，张志英 3970; 文县中寨到松坪途中，张志英 6235。

8. **簇花醉鱼草** 新变种 图版 7:4

Buddleja caryopteridifolia W. W. Smith var. **fasciculiflora** Z. Y. Zhang, var. nov.

A typo foliis minoribus, 2—3 cm longis; inflorescentiis fasciculatis paniculatis, 2—4 cm longis, capsulis albo-tomentosis differt.

Gansu (甘肃): Zhou-qu Xian (舟曲县), alt. 1700m., leg. Wang Tso-pin (王作宾) No. 14285 (Typus!NWIB), 10. VII. 1951.